

Attorney's Docket No.: IB-1472A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22213-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):

WILLIAM W. MOSES; ERIC NEUVILLE; MARZIO PEDRALI-NOY

For (title):

MULTI-CHANNEL DETECTOR READOUT METHOD AND INTEGRATED
CIRCUIT

1. **Type of Application**

(check all applicable)

- ☒ Utility
- ☐ Design
- ☐ Plant
- ☐ Divisional
- ☒ Continuation
- ☐ Continuation of PCT designating US
- ☐ Continuation-in-part (CIP)

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date 24 MARCH 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV352303481US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

John P. O'Banion

(Type or print name of person mailing paper)

(Signature of person mailing paper)

NOTE: Each paper or fee referred to as enclosed herein has the number of the "Express Mail" label placed thereon prior to mailing. 37 CFR 1.10(b).

2. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b) (Regular) or 37 CFR 1.153 (Design) Application

13 Pages of specification

8 Pages of claims

1 Pages of Abstract

3 Sheets of drawing

X formal

— informal

— The enclosed drawing(s) include photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

3. Additional papers enclosed

X First Preliminary Amendment

— Information Disclosure Statement

— Form PTO - 1449

— Citations

— Authorization of Attorney(s) to Accept and Follow Instructions from Representative

— Special Comments

— Other (SPECIFY)

4. Declaration Or Oath

— Enclosed

executed by:

— inventor(s)

— legal representative of inventor(s). 37 CFR 1.42 or 1.43.

— joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.

— this is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. (See item 15 below for fee.)

☐ Copy from a prior application (37 CFR 1.63(d)) (divisional or continuation only)

☒ Not Enclosed. Application is made by a person authorized under 37 CFR 1.41(c) on Behalf of all of the above named inventor(s).

(The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently).

5. Inventorship Statement

The inventorship for all the claims in this application are:

☒ The same **or**

☐ Are not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,

☐ is submitted.

☐ will be submitted.

6. Language

☒ English

☐ non-English

☐ the attached translation is a verified translation. 37 CFR 1.52(d).

7. Assignment

☐ An assignment of the invention to: _____

☐ is attached. A separate "ASSIGNMENT COVER LETTER ACCOMPANYING NEW PATENT APPLICATION" is also attached.

☐ will follow.

8. Benefit of Prior U.S. Application(s) (35 U.S.C. 119(e), 120 or 121)

☒ Applicant(s) hereby claim(s) the benefit of the filing date of the following prior U.S. Application(s):

1. (a) Application History (title as originally filed and as last amended, serial number, and filing date of all prior applications):

Title: INTEGRATED CIRCUIT FOR MULTI-CHANNEL SOLID-STATE
DETECTOR READOUT

Ser. No.: 60/127,199

Filed: MARCH 31, 1999

- (b) Name of applicant(s) (as originally filed and as last amended), and current correspondence address of applicant(s):

Name: WILLIAM W. MOSES
Address: 1941 ROSE STREET
BERKELEY, CA 94709

Name: ERIC BEUVILLE
Address: 4656 GERONA WAY
SANTA BARBARA, CA 93111

Name: MARZIO PEDRALI-NOY
Address: 7055 CHARMANT DRIVE, APT. 68
SAN DIEGO, CA 92122-4337

2. (a) Application History (title as originally filed and as last amended, serial number, and filing date of all prior applications):

Title: MULTI-CHANNEL DETECTOR READOUT METHOD AND
INTEGRATED CIRCUIT
Ser. No.: PCT/US00/08681
Filed: March 30, 2000

- (b) Name of applicant(s) (as originally filed and as last amended), and current correspondence address of applicant(s):

Name: WILLIAM W. MOSES
Address: 1941 ROSE STREET
BERKELEY, CA 94709

Name: ERIC BEUVILLE
Address: 4656 GERONA WAY
SANTA BARBARA, CA 93111

Name: MARZIO PEDRALI-NOY
Address: 7055 CHARMANT DRIVE, APT. 68
SAN DIEGO, CA 92122-4337

3. (a) Application History (title as originally filed and as last amended, serial number, and filing date of all prior applications):

Title: MULTI-CHANNEL DETECTOR READOUT METHOD AND
INTEGRATED CIRCUIT
Ser. No.: 09/966,811
Filed: SEPTEMBER 27, 2001

- (b) Name of applicant(s) (as originally filed and as last amended), and current correspondence address of applicant(s):

Name: WILLIAM W. MOSES
Address: 1941 ROSE STREET
BERKELEY, CA 94709

Name: ERIC BEUVILLE
Address: 4656 GERONA WAY
SANTA BARBARA, CA 93111

Name: MARZIO PEDRALI-NOY
Address: 7055 CHARMANT DRIVE, APT. 68
SAN DIEGO, CA 92122-4337

9. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a) or (b) below)

- (a) X This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are

 X the same

 less than those named in the prior application and it is requested that the following inventor(s) identified above for the prior application be deleted:

Name:

Name:

- (b) This application discloses and claims additional disclosure and a new declaration or oath is being filed. With respect to the prior application whose particulars are set out above, the inventors in this application are

 the same

 add the following inventors

Name:

Name:

10. Fee Calculation (37 CFR 1.16)

A. X Regular Application

CLAIMS AS FILED							
	Number filed		Number Extra		Rate		Basic Fee \$ 770
Total							
Claims 37 CFR 1.16(c)	1 - 20	=	0	X	\$18	=	
Independent							
Claims (37 CFR 1.16(b))	1 - 3	=	0	X	\$86	=	
Multiple dependent claim(s), if any (37 CFR 1.16(d))				+	\$290	=	

 X Amendment canceling extra claims enclosed.

 Amendment deleting multiple-dependencies enclosed.

 Fee for extra claims is not being paid at this time.

Filing Fee Calculation \$ 770

B. ☐ **Design application**
(\$340.00 - 37 CFR 1.16(f))

Filing Fee Calculation

\$ _____

C. ☐ **Plant application**
(\$530.00 - 37 CFR 1.16(g))

Filing Fee Calculation

\$ _____

11. **Small Entity Statement**

☒ Applicant qualifies as a small entity under 37 CFR 1.9 and 1.27

Filing Fee Calculation (50% of A, B or C above)

\$ 385

12. **Fee Payment Being Made At This Time**

☒ Not Enclosed

☒ No filing fee is to be paid at this time. (This and the surcharge required by 37 CFR 1.16(e) can/will be paid subsequently.)

☐ Enclosed

☐ basic filing fee \$ _____

☐ recording assignment (\$40.00; 37 CFR 1.21(h)) \$ _____

☐ petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00; 37 CFR 1.47 and 1.17(h)) \$ _____

☐ for processing an application with a specification in a non-English language. (\$130.00; 37 CFR 1.52(d) and 1.17(k)) \$ _____

☐ processing and retention fee (\$130.00; 37 CFR 1.53(d) and 1.21(l)) \$ _____

☐ fee for international-type search report. (\$40.00; 37 CFR 1.21(e)) \$ _____

Total Fees Enclosed

\$ _____

13. **Method of Payment of Fees**

☐ Check in the amount of \$ _____

☐ Charge Account No. _____ in the amount of \$ _____.
A duplicate of this transmittal is attached.

14. **Authorization to Charge Additional Fees**

☐ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. _____;

- ☐ 37 CFR 1.16(a), (f) or (g) (filing fees)
- ☐ 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)
- ☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☐ 37 CFR 1.18 (application processing fees)
- ☐ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

15. Instructions As To Overpayment

- ☐ credit Account No. _____
- ☒ refund

16. Incorporation By Reference of Papers Identified Herein

Applicant(s) hereby incorporate(s) by reference all papers which are identified in this New Application Transmittal.

17. Correspondence Address

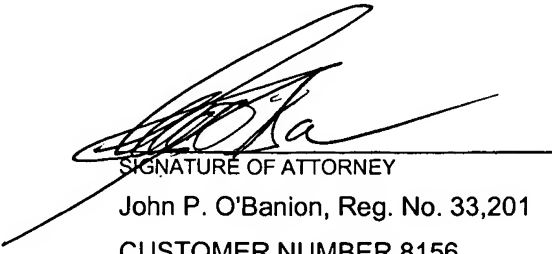
Please use the following correspondence address for all communications:

CUSTOMER NUMBER 8156

**John P. O'Banion, Reg. No. 33,201
O'BANION & RITCHEY LLP
400 Capitol Mall, Suite 1550
Sacramento, CA 95814
(916) 498-1010**

18. Signature of Attorney

Dated: 3/24/04


SIGNATURE OF ATTORNEY

John P. O'Banion, Reg. No. 33,201

CUSTOMER NUMBER 8156

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that the foregoing:

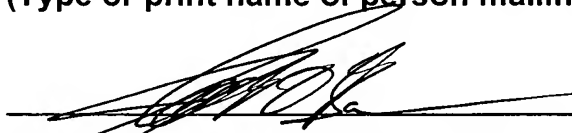
U.S. Patent Application

1. Specification (pages 1-13)
2. Claims (pages 14-21)
3. Abstract (page 22)
4. Drawings (sheets 1-3)

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JOHN P. O'BANION

(Type or print name of person mailing paper)



(Signature of person mailing paper)